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2523

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RAW SEQUENCE LISTING

DATE: 05/31/2002

PATENT APPLICATION: US/10/021,955

TIME: 08:25:32

Input Set : A:\P02086US1.txt

Output Set: N:\CRF3\05312002\J021955.raw

p.6

3 <110> APPLICANT: Lupski, James R
 4 Boerkoel, Cornelius F
 5 Takashima, Hiroshi
 7 <120> TITLE OF INVENTION: Defects in Periaxin Associated with Myelinopathies
 9 <130> FILE REFERENCE: P02086US1/10026309
 11 <140> CURRENT APPLICATION NUMBER: US 10/021,955
 12 <141> CURRENT FILING DATE: 2001-12-13
 14 <150> PRIOR APPLICATION NUMBER: US 60/255,217
 15 <151> PRIOR FILING DATE: 2000-12-13
 17 <160> NUMBER OF SEQ ID NOS: 93
 19 <170> SOFTWARE: PatentIn version 3.1
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 5502
 23 <212> TYPE: DNA
 24 <213> ORGANISM: human
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207 aggtgggtga ctgaccaggg ctggcagggg ggctgctcc tgtctctctg gcaggagtgc 5460
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215 <213> ORGANISM: human

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224 20 25 30

227 Asn Val Ala Gly Gly Gly Lys Glu Gly Ile Phe Val Arg Glu Leu Arg

228 35 40 45

231 Glu Asp Ser Pro Ala Ala Arg Ser Leu Ser Leu Gln Glu Gly Asp Gln

232 50 55 60

235 Leu Leu Ser Ala Arg Val Phe Phe Glu Asn Phe Lys Tyr Glu Asp Ala

236 65 70 75 80

239 Leu Arg Leu Leu Gln Cys Ala Glu Pro Tyr Lys Val Ser Phe Cys Leu

240 85 90 95

243 Lys Arg Thr Val Pro Thr Gly Asp Leu Ala Leu Arg Pro Gly Thr Val

244 100 105 110

247 Ser Gly Tyr Glu Ile Lys Gly Pro Arg Ala Lys Val Ala Lys Leu Val

248 115 120 125

251 Arg Val Leu Ser Pro Ala Pro Ala Leu Asp Cys Pro Ser Asp Pro Val

252 130 135 140

255 Ser Ala Pro

256 145

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261 <212> TYPE: DNA

262 <213> ORGANISM: Human

264 <400> SEQUENCE: 3

265 gtaagcatgg cctccacct

268 <210> SEQ ID NO: 4

269 <211> LENGTH: 20

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Input Set : A:\P02086US1.txt

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280 <213> ORGANISM: HUMAN
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286 <210> SEQ ID NO: 6
287 <211> LENGTH: 20
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289 <213> ORGANISM: Human
291 <400> SEQUENCE: 6
292 cccaaggcag attcctaacc 20
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296 <211> LENGTH: 20
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342 <212> TYPE: DNA

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Input Set : A:\P02086US1.txt

Output Set: N:\CRF3\05312002\J021955.raw

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352 <213> ORGANISM: HUMAN
354 <400> SEQUENCE: 13
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363 <400> SEQUENCE: 14
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370 <213> ORGANISM: HUMAN
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414 <212> TYPE: DNA
415 <213> ORGANISM: HUMAN

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:31; N Pos. 579
Seq#:32; N Pos. 384
Seq#:34; N Pos. 78,88
Seq#:35; N Pos. 11
Seq#:41; N Pos. 75,107,108,141,156,171
Seq#:44; N Pos. 21
Seq#:46; N Pos. 570
Seq#:60; N Pos. 383
Seq#:61; N Pos. 62
Seq#:64; N Pos. 521
Seq#:66; N Pos. 441,447,545
Seq#:67; N Pos. 572